

**REMARKS**

Claims 15-21 are pending in this application. By this Amendment, claims 15, 18 and 19 are amended, and claim 21 is added. The amendments to claims 15, 18 and 19 are supported in the original specification at, for example, page 15, lines 11-15 and page 17, lines 19-25. In addition, new independent claim 21 is based upon amended claim 15 and is supported by the same portions of the specification that support claim 15. Thus, no new matter is added by the above amendments.

Claims 15-17 stand rejected under 35 U.S.C. §103(a) over U.S. Patent No. 6,721,000 to Lin et al. in view of U.S. Patent No. 6,504,551 to Takashima et al. This rejection is respectfully traversed.

The Office Action acknowledges that Lin et al. is silent regarding corrected signals being generated using a two dimensional look-up table as recited in Applicant's independent claims, and is silent regarding the output of a correction amount for a signal corresponding to the luminance component using a two dimensional look-up table. The Office Action, however, relies upon Takashima et al. for allegedly disclosing a two dimensional look-up table for outputting corrected signals. The Office Action also, however, acknowledges that Takashima et al. does not expressly indicate that a two dimensional look-up table is used.

Applicant respectfully submits that Takashima et al. does not disclose or suggest an arrangement as now recited in independent claim 15 in which a two dimensional look-up table outputs corrected signals corresponding to the color difference components when the received signals corresponding to the color difference components are input as arguments. As noted in the Office Action Takashima et al.'s table 52 receives a value  $\theta_s$ . The Takashima et al. look-up table 52 does not receive signals corresponding to the color difference components as arguments so as to then generate the corrected signals. In Takashima et al., only the color hue is input to the look-up table 52. Therefore, unlike the arrangement recited

in independent claim 15, correction cannot be done while taking into account various combinations of color difference components as input signals to the look-up table.

Accordingly, independent claim 15 and its dependent claims are patentable over Lin et al. and Takashima et al. Withdrawal of the rejection is requested.

Independent claim 21 is substantially similar to independent claim 15, in that it also recites that the look-up table receives signals corresponding to the color difference components as arguments, and then outputs corrected signals corresponding to the color difference components. As noted above, neither Lin et al. nor Takashima et al. discloses such an arrangement. Accordingly, independent claim 21 also is patentable.

Claims 18 and 19 stand rejected under 35 U.S.C. §103(a) over Takashima et al. in view of U.S. Patent No. 5,565,931 to Girod. This rejection is respectfully traversed.

Independent claims 18 and 19 have been amended in a manner similar to independent claim 15. As noted above, Takashima et al. does not disclose or suggest an arrangement in which a look-up table receives color difference signals as input arguments. Girod also does not disclose such an arrangement. Accordingly, independent claims 18 and 19 also are patentable. Withdrawal of the rejection is requested.

Claim 20 stands rejected under 35 U.S.C. §103(a) over Lin et al. in view of Takashima et al., and further in view of U.S. Patent No. 5,974,173 to Kimura. This rejection is respectfully traversed. Claim 20 is patentable for at least the reasons set forth above with respect to its corresponding independent claim 15. Withdrawal of the rejection is requested.

In view of the foregoing, Applicant respectfully submits that this application is in condition for allowance. Favorable reconsideration and prompt allowance are earnestly solicited.

Should the Examiner believe anything further would be desirable to place this application in even better condition for allowance, the Examiner is invited to contact Applicant's undersigned attorney at the telephone number listed below.

Respectfully submitted,



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Attachment:  
Amendment Transmittal

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